Contents

Regular Papers	
Cross-polarisation kinetics and proton NMR relaxation in polymers of Citrus cell walls	
M.C. Jarvis, K.M. Fenwick (Glasgow, UK) and D.C. Apperley (Durham, UK)	1
CP-MAS NMR of highly mobile hydrated biopolymers: polysaccharides of Allium cell walls	
MA. Ha, B.W. Evans, M.C. Jarvis (Glasgow, UK), D.C. Apperley and A.M. Kenwright (Durham,	
UK)	15
Synthesis and structural studies of branched 2-linked trisaccharides related to blood group determinants	
J.Ø. Duus (Copenhagen, Denmark), N. Nifant'ev, A.S. Shashkov, E.A. Khatuntseva (Moscow,	
Russia) and K. Bock (Copenhagen, Denmark)	25
Russia) and R. Bock (Copennagen, Denmark)	23
Mutarotation of D-fructose in aqueous-ethanolic solutions and its influence on crystallisation	
A.E. Flood, M.R. Johns and E.T. White (Brisbane, Australia)	45
Predicting helical structures of the exopolysaccharide produced by Lactobacillus sake 0-1	
G.W. Robijn (Utrecht, The Netherlands), A. Imberty (Nantes, France), D.J.C. van den Berg, A.M.	
Ledeboer (Vlaardingen, The Netherlands), J.P. Kamerling, J.F.G. Vliegenthart (Utrecht, The	
Netherlands) and S. Pérez (Nantes, France)	57
Visible and ¹³ C nuclear magnetic resonance spectra of azo dyes and their complexes with cyclomalto-	
oligosaccharides	20
M. Suzuki, H. Takai, K. Tanaka, K. Narita, H. Fujiwara and H. Ohmori (Osaka, Japan)	75
Synthesis of four glycosides of a disaccharide fragment representing the terminus of the O-polysaccha-	
ride of Vibrio cholerae O:1, serotype Inaba, bearing aglycons suitable for linking to proteins	
Y. Ogawa, Ps. Lei and P. Kováč (Bethesda, MD, USA)	85
Synthesis of a tetrahydropyrano[2,3-d]oxazole analogue of trehazolin	
M. Shiozaki, T. Mochizuki, H. Hanzawa and H. Haruyama (Tokyo, Japan)	99
or. Sirocata, 1. Mochizuti, II. Imitzawa and II. Hardyania (Tokyo, Japan)	21
The use of 2-deoxy-2-trichloroacetamido-p-glucopyranose derivatives in syntheses of hyaluronic	
acid-related tetra-, hexa-, and octa-saccharides having a methyl B-D-glucopyranosiduronic acid at	
the reducing end	
G. Blatter and JC. Jacquinet (Orléans, France)	109
A novel enzymic determination of maltobionate	
Y. Shirokane, A. Arai, R. Uchida and M. Suzuki (Noda City, Japan)	127
1. Sillokano, A. Alai, R. Oction and M. Suzuki (1908 City, Japan)	14
Characterisation of acidic heteroglycans from Tremella fuciformis Berk with cytokine stimulating	
activity	
Q. Gao, R. Seljelid (Tromsø, Norway), H. Chen and R. Jiang (Changchun, People's Republic of	
China)	135

Arabinose and ferulic acid rich pectic polysaccharides extracted from sugar beet pulp	
A. Oosterveld, G. Beldman, H.A. Schols and A.G.J. Voragen (Wageningen, The Netherlands)	143
Composition and structural analysis of alpha-dextrins from potato amylopectin	
Q. Zhu and E. Bertoft (Turku, Finland)	155
The influence of the conformational state of κ - and ν -carrageenan on the rate of acid hydrolysis	
T. Hjerde, O. Smidsrød and B.E. Christensen (Trondheim, Norway)	175
Structure of stewartan, the capsular exopolysaccharide from the corn pathogen <i>Erwinia stewartii</i> M. Nimtz (Braunschweig, Germany), A. Mort (Stillwater, OK, USA), V. Wray, T. Domke	
(Braunschweig, Germany), Y. Zhang (Heidelberg, Germany), D.L. Coplin (Columbus, OH, USA) and K. Geider (Heidelberg, Germany)	189
Structural characterization of the exopolysaccharide produced by Lactobacillus acidophilus LMG9433	
G.W. Robijn, R.G. Gallego (Utrecht, The Netherlands), D.J.C. van den Berg, H. Haas (Vlaardingen, The Netherlands), J.P. Kamerling and J.F.G. Vliegenthart (Utrecht, Netherlands)	203
Potato xyloglucan is built from XXGG-type subunits	
JP. Vincken, A.J.M. Wijsman, G. Beldman (Wageningen, The Netherlands), W.M.A. Niessen (Leiden, The Netherlands) and A.G.J. Voragen (Wageningen, The Netherlands)	219
Notes	
Reaction of enzymes with starch granules: enhanced reaction of glucoamylase with gelatinized starch granules	
A. Kimura and J.F. Robyt (Ames, IA, USA)	233
Stereospecific synthesis of (-)-allo-muscarine from D-glucose	
V. Popsavin, O. Berić, M. Popsavin, J. Csanádi and D. Miljković (Novi Sad, Yugoslavia)	241
Author index	CI
Subject index	C3
Contents	CZ

